

11.ABSTRACT

The invention relates to a method for carbon nanotube emitter surface treatment, which is used to increase the number of carbon nanotube exposed on the triode structure device. For advancing the
5 current density and magnitude of CNT emitter, the invention uses a method of casting surface treatment on the CNT emitter including the steps of coating an adhesive material on the surface of device; heating the adhesive material for adhibitting the surface; and lifting the adhesive material off.